



EXPRESS MAIL NO. EV398873326US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Michael L. Klein et al.  
Application No. : 10/766,760  
Filed : January 27, 2004  
For : GENE MUTATION ASSOCIATED WITH AGE-RELATED  
MACULAR DEGENERATION

Art Unit : 1645  
Docket No. : 49321-117/OHSU#642  
Date : September 14, 2004

Mail Stop Missing Parts  
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P.O. Box 1450  
Alexandria, VA 22313-1450

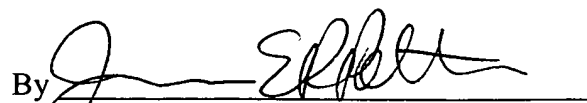
**SUPPLEMENTAL RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
APPLICATION**

Commissioner for Patents:

In partial response to the Notice to File Missing Parts dated June 15, 2004, please find enclosed the following documents:

- ☒ Fee (Deposit Account)
- ☐ Oath/Declaration
- ☒ Copy of Notice to File Missing Parts
- ☐ Sheets of Formal Drawings
- ☒ Other: Sequence Listing (1 Paper Copy – 70 pgs.; 2 C.R.F. Diskettes);  
Sequence Statement

Respectfully submitted,  
Michael L. Klein et al.  
DAVIS WRIGHT TREMAINE LLP

By   
Jane E. R. Potter  
Registration No. 33,332

2600 Century Square  
1501 Fourth Avenue  
Seattle, WA 98101-1688  
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EXPRESS MAIL NO. EV398873326US

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0 031

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**TRANSMITTAL  
FORM***(To be used for all correspondence  
after initial filing)*

Application Number	10/766,760
Filing Date	January 27, 2004
First Named Inventor	Michael L. Klein
Group Art Unit	1645
Examiner Name	
Attorney Docket No.	49321-117/OHSU#642

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Supplemental Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> ) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Additional Enclosure(s) ( <i>please identify below</i> ): <u>Sequence Listing (1 Paper Copy – 70 pgs.; 2 Diskettes;</u> <u>Sequence Statement; Copy of</u> <u>Notice to File Missing Parts;</u> <u>Copy of Partial Response to</u> <u>Missing Parts filed August 16,</u> <u>2004.</u>
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Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Individual Name	Jane E. R. Potter	22504
Signature		
Date	September 14, 2004	

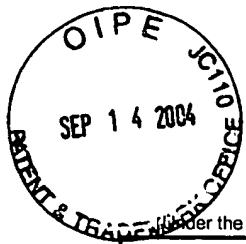
**CERTIFICATE OF FACSIMILE TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date specified below.

Typed or printed name		
Signature	SENT VIA EXPRESS MAIL	Date:

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

**Complete if Known**

Application Number	10/766,760
Filing Date	January 27, 2004
First Named Inventor	Michael L. Klein
Examiner Name	
Art Unit	1645
Attorney Docket No.	49321-117/OHSU#642

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 55**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ None☒ Deposit Account:Deposit  
Account  
Number

04-0258

Deposit  
Account  
Name

Davis Wright Tremaine LLP

**The Commissioner is authorized to: (check all that apply)**

- ☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any deficiencies  
to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee(\$)	Fee Code	Fee(\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0

**2. EXTRA CLAIM FEES**

			Extra Claims	Fee from below	Fee Paid
Total Claims		- 20** =		x	
Independent Claims		- 3** =		x	
Multiple Dependent					

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	55
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 55

**SUBMITTED BY**

(Complete if applicable)

Name (Print Type) Jane E. R. Potter

Registration No.  
(Attorney/Agent)

33,332

Telephone 206-628-7650

Signature

Date September 14, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.



09-15-04

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IFW\$

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/766,760	01/27/2004	Michael L. Klein	49321-59-1/OHSU#642

22504

DAVIS WRIGHT TREMAINE, LLP  
 2600 CENTURY SQUARE  
 1501 FOURTH AVENUE  
 SEATTLE, WA 98101-1688

RECEIVED

JUN 21 2004

CONFIRMATION NO. 2895

FORMALITIES LETTER



\*OC000000012954776\*

Date Mailed: 06/15/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$258 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**


Total additional fee(s) required for this application is \$708 for a Small Entity

- \$385 Statutory basic filing fee.
- \$65 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$258
  - \$86 for 2 independent claims over 3.
  - \$27 for 3 total claims over 20.
  - \$145 for multiple dependent claim surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
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P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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**Express Mail No. EV398877380US**

**JEP:jeg**

**Docket No.: 49321-117/OSHU#642**

**Date Stamp**

**MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**SENT: AUGUST 16, 2004**

**DUE: AUGUST 15, 2004**

Kindly acknowledge receipt of the below-listed documents by placing your receiving stamp hereon and mailing:

**1. PTO/SB/21 Transmittal; 2. PTO/SB/17 Fee Transmittal (+1 Copy); 3. Partial Response to Notice to File Missing Parts; 4. Copy of Notice to File Missing Parts; 5. Declaration (1 pg.); 6. Request to Amend Attorney Docket Number**

**In Re: Michael L. Klein et al.; for: GENE MUTATION ASSOCIATED WITH AGE-RELATED MACULAR DEGENERATION; Filed: January 27, 2004; as USAN: 10/766,760**

**DAVIS WRIGHT TREMAINE LLP**

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Total Postage & Fees \$		<small> <b>WARRANTY OF SIGNATURE (Domestic Only)</b> Additional merchandise insurance is void if waiver of signature is requested. (Waiver delivery in be made without obtaining signature of addressee or addressee's agent.) If delivery employee (upon inspection) can believe that address is correct and that person that delivery employee's signature constitutes valid proof of delivery, then signature of employee is sufficient. </small>			
<b>CUSTOMER USE ONLY</b> METHOD OF PAYMENT: Express Mail Corporate Acct. No. <b>X982516</b>			Federal Agency Acct. No. or Postal Service Acct. No.		
<b>FROM: (PLEASE PRINT)</b> <b>Jane E. R. Potter</b> <b>DAVIS WRIGHT &amp; TREMAINE</b> <b>1501 4TH AVE STE 2300</b> <b>SEATTLE WA 98101-1664</b>  <b>49321-117/CBSU#642</b> <b>Oregon Health &amp; Science University:JEP:jeg</b> <b>USAN: 10/766,760</b>			<b>TO: (PLEASE PRINT)</b>  <b>MS Missing Parts</b> <b>Commissioner for Patents</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>  <b>Sent: August 16, 2004</b>		

1134/ 2000

F:02. T: